

10/501, 807

## EAST Search History

Interference  
Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1846	385/1-3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:10
L5	4213	385/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:11
S1	25	((Mach adj Zehnder adj Interferomter) MZI) and 385/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:22
S2	15	S1 and (electro\$1optic\$2 (electro adj optic\$2) eo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:32
S3	12	S2 and semi\$1conduct\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14
S4	10	S3 and dop\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 15:19
S5	5	S4 not @ad>="20020119"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 15:19
S6	897	((Mach adj Zehnder adj Interferomter) MZI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:12
S7	248	S6 with waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14

## EAST Search History

S8	13	S7 with (electro\$1optic\$2 (electro adj optic\$2) eo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14
S9	3	S8 with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14
S10	333	S6 same waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14
S11	57	S10 same (electro\$1optic\$2 (electro adj optic\$2) eo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:14
S12	23	S11 same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:15
S13	10076	anti\$1phase (anti adj phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:16
S14	115	(anti\$1phase (anti adj phase)) near3 parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:16
S15	7	((anti\$1phase (anti adj phase)) near3 parallel) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 10:54
S22	239	modulator with semiconductor with inp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 12:31
S23	11	modulator with semiconductor with inp with (mach adj zehnder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 19:12

## EAST Search History

S24	2	modulator with semiconductor with inp with (mach adj zehnder) with (ingaasp gainasp gaalinp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 19:05
S25	1204	electrode with (p\$1doped (p adj doped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 19:09
S26	4	S25 with modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 19:10
S27	3	p-type with electrode with ((mach adj zehnder) mzi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 19:13
S28	0	trench\$3 near\$3 dop\$3 same electrode near\$3 (isolat\$3 separat\$3) same parallel adj (anti\$1phase anti adj phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:14
S29	3	trench\$3 same dop\$3 same electrode same (isolat\$3 separat\$3) same parallel adj (anti\$1phase anti adj phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:16
S30	3	trench\$3 same dop\$3 same electrode same (isolat\$3 separat\$3) and parallel adj (anti\$1phase anti adj phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:32
S31	3	trench\$3 same dop\$3 same electrode same (isolat\$3 separat\$3) and (parallel adj (anti\$1phase anti adj phase) parallel\$1anti\$1phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:16
S32	3	(parallel adj (anti\$1phase anti adj phase)) same waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:33
S33	4	waveguide same parallel near\$3 oppos\$3 adj (phase polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:34

## EAST Search History

S34	0	S33 and trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:34
S35	5	waveguide same parallel near3 oppos\$3 near3 (phase polarity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:34
S36	0	S35 and trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:40
S37	4	"5991471".pn. "4658224".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:44
S38	22	waveguide near3 (separated isolated) near3 trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:45
S39	8	S38 and (mach\$1zehnder mach adj zehnder mzi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:49
S40	170	parallel adj push-pull	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:50
S41	2	S40 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:50
S42	199	(parallel adj (push\$1pull push adj pull)) parallel\$1push\$1pull	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:50
S43	2	S42 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:50

## EAST Search History

S44	11	S42 and waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:50
S46	1809	dop\$3 same trench\$3 same electrode same isolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:25
S47	8	S46 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:23
S48	24	dop\$3 near5 trench\$3 near5 electrode near5 isolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:27
S49	279	dop\$3 with trench\$3 with electrode with isolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:27
S51	2	S49 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 11:17
S52	4	shimizu.in. and nec and "semiconductor mach-zehnder modulator".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:05
S53	4633	385/15,39-41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:06
S54	2	((mach\$1zehnder mach adj zehnder mzi) and waveguide and electrode and dop\$3 and trench\$3 and isolat\$3).clm.	US-PGPUB	OR	ON	2006/03/03 13:10